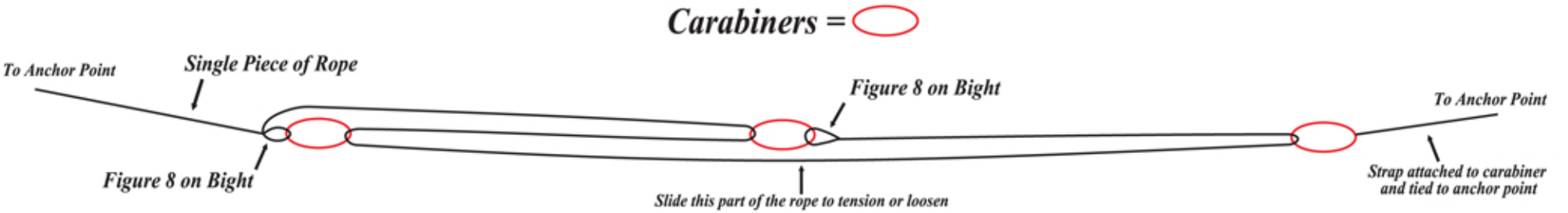
Quick Tensioning Rope System


Carabiners =
To Anchor Point
Single Piece of Rope
Figure 8 on Bight
To Anchor Point
Figure 8 on Bight
Slide this part of the rope to tension or loosen
Strap attached to carabiner and tied to anchor point

Weight can be supported anywhere on the rope between the anchor points.

Once tensioned, the overall rope system rope will support weight without any slippage. So this system can be used for take-up anchoring, tyrolean traverses, etc. It is easily loosened or tightened by simply moving the the sliding part of the rope above. No further knotting, prusiks or tying is necessary. Setup the system loosely, tension system by sliding rope, use rope to support weight or move objects, then loosen by sliding rope and take apart. By doubling the rope on initial setup you can have a traverse system that can be taken apart after all operators are across the river/canyon, then the rope can be un-tensioned and taken down and carried with you all from one side of the canyon or river.

Drawn by Jeff Randall, Randall's Adventure & Training

System being used in the Amazon Jungle to cross a flooded creek: